E-HEALTH IN NORMANDY

NORMANDY – CONNECTED HEALTH

Normandy, considered as the cradle of Secure Electronic Transactions is home to the E-Secure Transactions cluster.

As a spearhead for high technology in Normandy, the cluster provides innovative solutions and develops skills and expertise in several fields related to daily life such as e-health and wearable medical devices.

Professionals from the health care sector and ICT companies are currently working with the cluster to develop collaborative and innovative projects in the following domains:

△ Enabling seniors with age related dependencies or **disabilities to live independently at home**,
△ **Tele-Health applications** in hospitals, retirement homes and clinics,
△ Creation of a **professional network to experiment latest innovations**.
△ **Health data safety and interoperability**.

INNOVATION, RESEARCH & DEVELOPMENT

▲ PRIS
(HEALTH RESEARCH & INNOVATION CENTER) (www.unicaen.fr)

It is a new scientific infrastructure located in the teaching Hospital of Caen where companies can collaborate with different health research units of Caen Normandy University. Today, it hosts two R&D units: UMR S-1077 "neuropsychology and imaging of human memory" & UMR-S-1075 "COMETE Lab" involved in the cognitive processes studies for mobility, particularly for attention and orientation purposes.

One floor is dedicated to house companies involved in e-health applications.

▲ E SECURE TRANSACTIONS CLUSTER
(Pôle TES - www.pole-tes.com)

The digital cluster is focused on the development of ICT and collaborative projects from banking transactions to administrative data and medical data transmission. From emergence to valorization, the TES Cluster supports collaborative and innovative projects.

▲ CIREVE (www.unicaen.fr/cireve)

The interdisciplinary center of virtual reality is a technological platform of the University of Caen Normandy working on the promotion and support of the use of virtual reality in research.

▲ IRIB
(INSTITUTE FOR RESEARCH AND INNOVATION IN BIOMEDICINE)
(http://irib.univ-rouen.fr)

The Institute for Research and Innovation in Biomedicine is a federative structure of research regrouping all the resources of biomedical research in Rouen-Normandie. The objective of this Institute is to develop a high-level biomedical research focused on the understanding of disease physiopathology and the development of new diagnostic and therapeutic tools resulting from the complementarity of clinicians, biologists and chemists of Rouen University.

▲ LITIS
(www.insa-rouen.fr/litis)

IT Laboratory, Information, Processing and Systems. Multidisciplinary approach between practitioners and academics at the junction of computing, pattern recognition, signal processing and image of medicine and mathematics.

▲ GREYC LAB (www.greyc.fr)

It realizes research works in the field of digital science with activities in image processing, machine learning, artificial intelligence, computer security, fundamental computer science, Web science and electronics.

NORMANDIE SANTÉ
LES INDUSTRIELS AU SERVICE DES PATIENTS

15 000
Jobs

2
Teaching Hospitals

60
hospitals

922
healthcare structures

3 200
researchers

International expertise
on Chip, software, sensors & wearable medical devices

A pilot house for experimentation dedicated to elderly persons MDAP

An open territory
for real new digital in situ experimentations with the public

MAIN COMPANIES

Murata • NXP Semiconductors
Elitt • Evamed • Bodycap •
Ophtimalia • Catel • Datexim
Access Man • AZNetwork
W2Net • Medgic Group
Open Mind Innovation
Eff'Innov Technologies
Orange • 7medical • OmicX •
Blinksight • EasyCare...

TRAINING

▲ NORMANDY UNIVERSITY (www.normandie-univ.fr)

2 050 research professors, 750 curricula, 70 000 students including 18 000 master students and 5 200 engineering students. A specific University degreee on E-health.

▲ ENSICAEN ENGINEERING SCHOOL (www.ensicaen.fr)

780 students. 5 departments: Computer science - Electronics & applied physics – Material science & chemistry - Mechanical & material engineering - Industrial engineering.

▲ ESITECH (www.esitech.univ-rouen.fr)

Engineering School for Innovative Technologies, trains general engineers with two possible majors: Physical Engineering and Biological Engineering.

▲ INSA ROUEN (www.insa-rouen.fr)

Department Information Systems Design: The ASI Department of INSA has an objective to train engineers with technical capabilities in computer sciences, the information processing, and the electronics and physics field.

▲ MTC MEDICAL TRAINING AND TESTING CENTER (www.mtc.chu-rouen.fr)

MTC Rouen Normandy provides a wide range of cutting edge medical techniques in optimal learning conditions.

SERVICES & SUPPORTS

▲ GCS NORMAND'E-SANTÉ (www.normand-esante.fr)

A cooperative structure whose purpose is to associate all health professionals in the service of telemedicine and information system projects. Normand'e-santé facilitates and supports the implementation of e-health projects and services, while ensuring the interoperability and security of systems.

▲ NORMAN HEALTHTECH NETWORK (www.healthtech.lafrenchtech.com)

This thematic network federates the startups of the e-health, biotech and medtech sectors.

▲ TECH SAP OUEST (www.techsapouest.com)
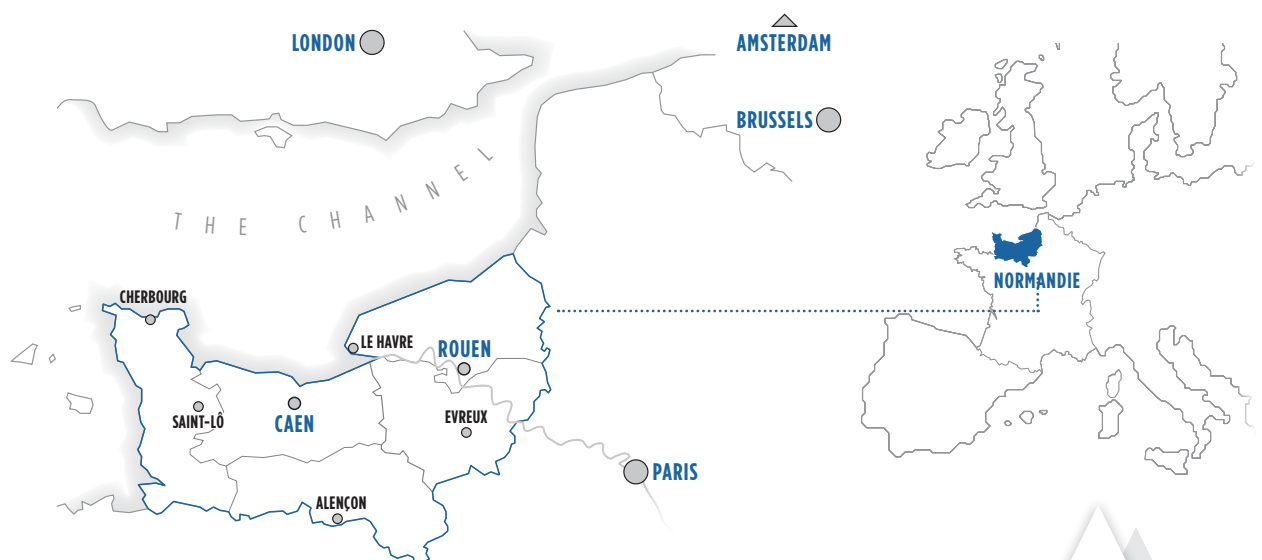
This association federates different players for developing innovative projects in the healthcare sector by using new technologies & developing experimentation.

▲ AD NORMANDIE (www.adnormandie.fr/en)

The regional agency for economic development is the representative of Business France Invest in Normandy. AD Normandie extends a whole range of services to foreign investors setting up their businesses in Normandy. AD Normandie is also the coordinator of **Normandie Santé**, a regional common brand.

CONTACT

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